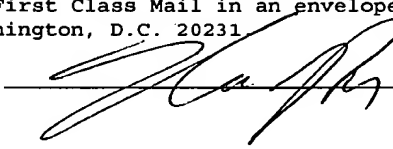


I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231

8

Date of Signature and Deposit:

Oct 13, 1997


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James A. Thomson

Serial No.: 08/591,246

Filed: January 18, 1996

Group Art Unit: 1815

Examiner: B. Brumback

For: PRIMATE EMBRYONIC STEM CELLS File No.: 960296.93723

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner For Patents
Box Non-Fee
Washington DC 20231

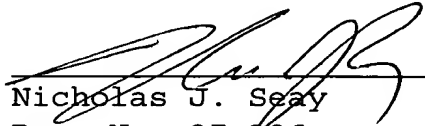
Dear Sir:

Enclosed are copies of documents and a completed form PTO-1449 listing documents that the applicant in the above-identified application wishes to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application. This application is a continuation-in-part of U.S. Patent Application 08/376,327 filed on January 20, 1995. Pursuant to 37 CFR 1.98(d), copies of documents that were previously cited by or submitted to the Office in the parent case are not included herein.

11/04/1997 NVILLARI 00000053 DAN:170055 08591246
01 FC:126 240.00 CH

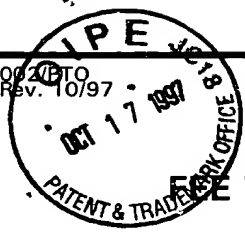
Because an Office Action has issued, an additional fee is believed due in connection with this submission. Accordingly, the appropriate fee is enclosed.

Respectfully submitted,



Nicholas J. Seay
Reg. No. 27,386
Attorney for Applicant
QUARLES & BRADY
P.O. Box 2113
Madison, WI 53701-2113
(608)251-5000

CAU 1815 #8



U.S. Department of Commerce
Patent and Trademark Office

FEES TRANSMITTAL

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 08/591,246 |
| Filing Date | 1/18/96 |
| First Named Inventor | James A. Thorson |
| Group Art Unit | 1815 |
| Examiner Name | B. Brumback |
| Attorney Docket Number | 960296.93723 |

Handwritten: ID 11/4/97

| | |
|-------------------------|--------|
| TOTAL AMOUNT OF PAYMENT | \$ 240 |
|-------------------------|--------|

RECEIVED

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 17-0055

Deposit Account Name: Quarles & Brady

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION (continued)

OCT 21 1997

3. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|---------------------------|-----------------|----------------|-----------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920 | 112 | 920 | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840 | 113 | 1,840 | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for response within first month | |
| 116 | 400 | 216 | 200 | Extension for response within second month | |
| 117 | 950 | 217 | 475 | Extension for response within third month | |
| 118 | 1,510 | 218 | 755 | Extension for response within fourth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive unavoidably abandoned application | |
| 141 | 1,320 | 241 | 660 | Petition to revive unintentionally abandoned application | |
| 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | |
| 143 | 450 | 243 | 225 | Design issue fee | |
| 144 | 670 | 244 | 335 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| Other fee (specify) _____ | | | | | |
| Other fee (specify) _____ | | | | | |

Handwritten: X

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|-------------------|-----------------|----------------|-----------------|------------------------|----------|
| 101 | 790 | 201 | 395 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 540 | 207 | 270 | Plant filing fee | |
| 108 | 790 | 208 | 395 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | | | |

2. CLAIMS

| | | | | | | | | |
|---------------------------|----------------------|------|----------------------|---|----------------------|---|----------------------|----------|
| Total Claims | <input type="text"/> | -20= | <input type="text"/> | X | <input type="text"/> | = | <input type="text"/> | Fee Paid |
| Independent Claims | <input type="text"/> | -3= | <input type="text"/> | X | <input type="text"/> | = | <input type="text"/> | |
| Multiple Dependent Claims | | | | | <input type="text"/> | = | <input type="text"/> | |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | |
|-------------------|-----------------|----------------|-----------------|---|--|
| 103 | 22 | 203 | 11 | Claims in excess of 20 | |
| 102 | 82 | 202 | 41 | Independent claims in excess of 3 | |
| 104 | 270 | 204 | 135 | Multiple dependent claim | |
| 109 | 82 | 209 | 41 | Reissue independent claims over original patent | |
| 110 | 22 | 210 | 11 | Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) (\$) | | | | | |

SUBTOTAL (3) (\$) 240

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

| | | | | | |
|-----------------------|--------------------|-------------|------------------|--------------------------|--|
| Typed or Printed Name | Nicholas J. Seay | Date | October 13, 1997 | Complete (if applicable) | |
| Signature | <i>[Signature]</i> | Reg. Number | 27,386 | Deposit Account User ID | |